

Converting Colors

$Y_{xy}(29.2370, 0.3748, 0.4304)$

Have a look what the booklet for
Yxy(29.2370, 0.3748, 0.4304)
contains.

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Color

Yxy(29.4006, 0.3741, 0.4305)

Conversions

Conversions Part 1

Format	Color
Hex	979757
RGB	151, 151, 87
RGB Percent	59%, 59%, 34%
CMY	0.4079, 0.4078, 0.6588
CMYK	0.00, 0.00, 0.42, 0.41
HSL	60°, 27%, 47%
HSV	60°, 42%, 59%
XYZ	25.5488, 29.4006, 13.3447
YIQ	143.7040, 20.5440, -19.9040

Conversions

Conversions Part 2

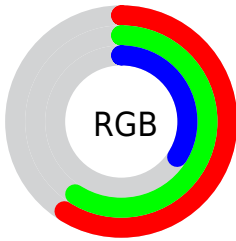
Format	Color
RYB	87, 151, 87
Decimal	9934679
CIELab	61.13, -9.79, 33.64
CIELCh	61, 35.038, 106.218
Yxy	29.4006, 0.3741, 0.4305
Android (android.graphics.Color)	4288124759 (0xFF979757)
YUV	143.7040, -27.9551, 6.3986
Hunter-Lab	54.2223, -10.7823, 23.3638

Details

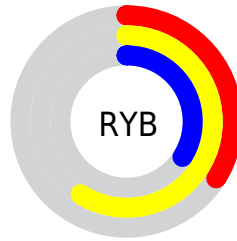
The Yxy color **29.4006, 0.3741, 0.4305** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.0775, 0.2361, 0.2024**, and the grayscale version is **27.8733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.6194, 0.3624, 0.4096**, and **11.9135, 0.3922, 0.4641** is the 20% darker color. If you saturate the color by 10%, you get **29.1802, 0.3869, 0.4517**, and if you desaturate by 10%, it is **29.6753, 0.3601, 0.4073**.

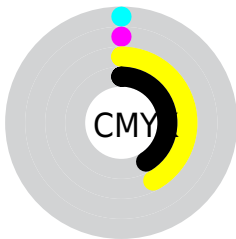
Distribution



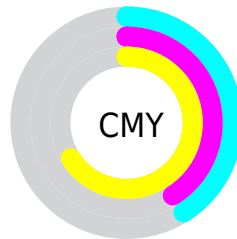
- Red (59%)
- Green (59%)
- Blue (34%)



- Red (34%)
- Yellow (59%)
- Blue (34%)



- Cyan (0%)
- Magenta (0%)
- Yellow (42%)
- Black (41%)



- Cyan (41%)
- Magenta (41%)
- Yellow (66%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4006, 0.3741, 0.4305 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 29.4006, 0.3741, 0.4305 by changing the saturation by 10% instead.


 29.4006, 0.3741,
0.4305


 29.4006, 0.3741,
0.4305


299.1004, 0.3426,
0.3756

 19.3841, 0.3817,
0.4453


 58.7130, 0.3627,
0.4097

 11.9481, 0.3910,
0.4646


 78.7776, 0.3584,
0.4021


 6.7084, 0.4020,
0.4905


 102.9604, 0.3547,
0.3958

 3.2804, 0.4261,
0.5417

 131.6457, 0.3516,
0.3905

 1.2798, 0.4224,
0.5776

 165.2180, 0.3489,
0.3859

 0.1255, 0.0000,
1.0000

204.0616, 0.3465,

 0.0000, 0.0000,

0.3820

0.0000

248.5609, 0.3445,
0.3786

■ 29.4006, 0.3741,
0.4305

■ 29.4006, 0.3741,
0.4305

■ 29.1802, 0.3869,
0.4517

■ 29.6753, 0.3601,
0.4073

■ 29.0068, 0.3980,
0.4700

■ 30.0033, 0.3454,
0.3831

■ 28.8782, 0.4069,
0.4847

■ 30.3886, 0.3306,
0.3586

■ 28.7903, 0.4133,
0.4954

■ 30.8338, 0.3161,
0.3346

■ 28.7382, 0.4173,
0.5020

■ 31.3414, 0.3022,
0.3115

■ 28.7127, 0.4193,
0.5053

■ 31.9134, 0.2890,
0.2898

■ 32.5522, 0.2767,
0.2695

■ 33.2598, 0.2655,
0.2509

■ 34.0382, 0.2552,
0.2339

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



29.4006, 0.4141, 0.4044



29.4006, 0.3741, 0.4305



29.4006, 0.3197, 0.4265

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.4006, 0.3741, 0.4305



29.4006, 0.2108, 0.2783



29.4006, 0.3556, 0.2793

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



29.4006, 0.3741, 0.4305



11.0775, 0.2361, 0.2024

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



29.4006, 0.2973, 0.2510



29.4006, 0.3741, 0.4305



29.4006, 0.2181, 0.2477

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



29.4006, 0.3741, 0.4305



29.4006, 0.2272, 0.3292



29.4006, 0.2481, 0.2393



29.4006, 0.4049, 0.3190

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



29.4006, 0.3741, 0.4305



29.4006, 0.2829, 0.4035



29.4006, 0.2481, 0.2393



29.4006, 0.3362, 0.2683

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



29.4019, 0.3741, 0.4305



54.3538, 0.3319, 0.3608



14.0842, 0.4183, 0.3293



12.3200, 0.3350, 0.3658



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.4019, 0.3741, 0.4305



52.2673, 0.3865, 0.4509



26.7451, 0.3385, 0.4439



7.2229, 0.3260, 0.3510



24.4248, 0.4193, 0.5053



0.3652, 0.4193, 0.5053

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



11.0775, 0.2361, 0.2024



14.9049, 0.2159, 0.1689



12.9730, 0.2745, 0.2145



6.0264, 0.2988, 0.3060



1.9010, 0.1500, 0.0600



0.0284, 0.1501, 0.0600

Previews

White Background



This preview shows how the Yxy color 29.4006, 0.3741, 0.4305 looks on a white background.

Color Contrast Check

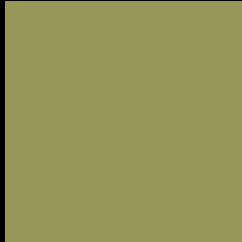
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 29.4006, 0.3741, 0.4305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

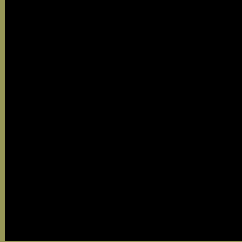
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.4006, 0.3741, 0.4305

Background



This preview shows how black text looks on a background with the Yxy color 29.4006, 0.3741, 0.4305.



This preview shows how white text looks on a background with the Yxy color 29.4006, 0.3741, 0.4305.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

29.4006, 0.3741, 0.4305

Protanopia

29.5331, 0.3894, 0.4233

Deuteranopia

29.3547, 0.4109, 0.4031



Tritanopia

29.3489, 0.3188, 0.3124

Trichromacy



Original Color

29.4006, 0.3741, 0.4305

Protanomaly

29.4359, 0.3842, 0.4263

Deuteranomaly

29.3904, 0.3976, 0.4136

Tritanomaly

29.2374, 0.3394, 0.3542

Monochromacy



Original Color

29.4006, 0.3741, 0.4305

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.5005, 0.3364, 0.3682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4006, 0.3741, 0.4305 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(151, 151, 87)` looks like.

```
.text, #text, p{  
    color:rgb(151, 151, 87)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(151, 151, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 151, 87) }
```

Border

The CSS property to change the border of an element to Yxy 29.4006, 0.3741, 0.4305 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 151, 87) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(151, 151, 87) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(151, 151, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 151, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 151, 87);  
box-shadow:4px 4px 4px 4px rgb(151, 151,  
87) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4006, 0.3741, 0.4305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 151, 87) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(151,  
151, 87) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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